

Atty. Docket No.: 20200/2052

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Wajant, et al.
Serial No.: 10/666,458
Filed: September 19, 2003
Entitled: COMPOSITIONS AND METHODS
FOR TREATING TRAIL-
RESISTANT CANCER CELLS

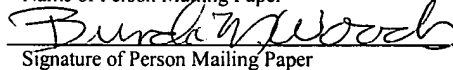
Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned
Conf. No.: Not Yet Assigned

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Brenda M. Woods

Name of Person Mailing Paper



Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

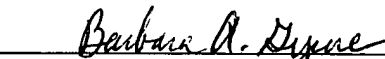
Enclosed for filing in the above-identified patent application, please find the following documents:

1. Supplemental Information Disclosure Statement;
2. Form PTO-1449;
3. Copies of Cited References; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference No. 20200/2052. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: January 13, 2004



Name: Barbara A. Gylre
Registration No.: 34,614
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



Atty. Docket No.: 20200/2052

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Wajant, et al.
Serial No.: 10/666,458
Filed: September 19, 2003
Entitled: COMPOSITIONS AND METHODS
FOR TREATING TRAIL-
RESISTANT CANCER CELLS

Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned
Conf. No.: Not Yet Assigned

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Brenda M. Woods

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Supplemental Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents and non-patent literature are enclosed. This application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

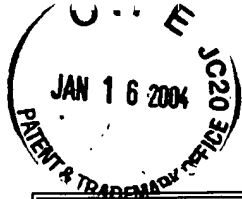
Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: January 13, 2004

Respectfully submitted,

Name: Barbara A. Gyure
Registration No.: 34,614
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT				Attorney Docket No. 20200/2052		Serial No. 10/666,458		
				Applicant(s): Wajant, et al.				
				Filing Date: September 19, 2003		Group: Not Yet Assigned		
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	1.	6,506,559 B1	Jan. 14, 2003	Fire, et al.	435	6	Dec. 18, 1998	
	2.	6,486,299 B1	Nov. 26, 2002	Skimkets	530	350	Sep. 28, 1998	
	3.	2003/0027783 A1	Feb. 6, 2003	Zernicka-Goetz, et al.	514	44	May 17, 2002	
	4.	2002/0173478 A1	Nov. 21, 2002	Gewirtz	514	44	Nov. 14, 2001	
	5.	2002/0162126 A1	Oct. 31, 2002	Beach, et al.	800	8	May 24, 2001	
	6.	2002/0132346 A1	Sep. 19, 2002	Cibelli	435	455	Mar. 8, 2002	
	7.	2002/0123034 A1	Sep. 5, 2002	Canaani, et al.	435	4	Oct. 12, 2001	
	8.	2002/0114784 A1	Aug. 22, 2002	Li, et al.	424	93.2	Jan. 4, 2002	
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO
	9.	WO 03/035876 A1	May 1, 2003	PCT	C12N	15/40	X	
	10.	WO 03/035870 a1	May 1, 2003	PCT	C12N	15/11	X	
	11.	WO 03/035869 A1	May 1, 2003	PCT	C12N	15/11	X	
	12.	WO 03/035868 A1	May 1, 2003	PCT	C12N	15/11	X	
	13.	WO 03/035083 A1	May 1, 2003	PCT	A61K	31/713	X	
	14.	WO 03/035082 A1	May 1, 2003	PCT	A61K	31/713	X	
	15.	WO 03/033700 A1	Apr. 24, 2003	PCT	C12N	15/11	X	
	16.	WO 03/012082 A2	Feb. 13, 2003	PCT	C12N	5/06	X	
	17.	WO 03/006477 A1	Jan. 23, 2003	PCT	C07H	21/02	X	
	18.	WO 02/16620 A2	Feb. 28, 2002	PCT	C12N	15/63	X	
	19.	WO 02/061034 A2	Aug. 8, 2002	PCT	C12N		X	
	20.	WO 02/055693 A2	July 18, 2002	PCT	C12N	15/11	X	
	21.	WO 02/055692 A2	July 18, 2002	PCT	C12N	15/11	X	
	22.	WO 01/92513 A1	Dec. 6, 2001	PCT	C12N	15/11	X	
	23.	WO 01/70949 A1	Sept. 27, 2001	PCT	C12N	15/11	X	



/	24.	WO 01/68836 A2	Sept. 20, 2001	PCT	C12N	15/10	X	
	25.	WO 01/48183 A2	July 5, 2001	PCT	C12N	15/00	X	
	26.	WO 01/42443 A1	June 14, 2001	PCT	C12N	15/00	X	
	27.	WO 01/36646 A1	May 25, 2001	PCT	C12N	15/63	X	
	28.	WO 01/29058 A1	Apr. 26, 2001	PCT	C07H	21/04	X	
	29.	WO 01/18197 A1	Mar. 15, 2001	PCT	C12N	15/10	X	
	30.	WO 00/63364	Oct. 26, 2000	PCT	C12N	15/11	X	
	31.	WO 00/01846	Jan. 13, 2000	PCT	C12Q	1/68	X	
	32.	DE 200 23 125 U1	Jan. 29, 2000	Germany	A61K	31/713		X
2	33.	DE 102 35 620.3		Germany				X
	34.	DE 102 30 997 A1	July 9, 2002	Germany	A61K	31/711		X
	35.	DE 102 30 966 A1	July 9, 2002	Germany	A61K	31/711		X
	36.	DE 101 63 098 A1	Dec. 20, 2001	Germany	C12N	7/01		X
	37.	DE 101 00 588 A1	Jan. 9, 2001	Germany	C12N	15/63		X
	38.	EP 1 214 945 A2	Jan. 29, 2000	Germany	A61K	48/00		X
	39.	DE 199 56 568 A1	Nov. 11, 1999	Germany	C12N	15/63		X
4	40.	DE 199 03 713		Germany			X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	41.	Caplen, N.J., (2002), "A new approach to the inhibition of gene expression", <i>TRENDS in Biotechnology</i> , 20(2):49-51.
	42.	Caplen, N.J. et al., (2001), "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems", <i>Proc. Natl. Acad. Sci. USA</i> , 98(17):9742-9747.
	43.	Doench, J.G. et al., (2003), "siRNAs can function as miRNAs", <i>Genes & Development</i> , 17:438-442.
	44.	Donzé, O. et al., (2002), "RNA interference in mammalian cells using siRNAs synthesized with T7 RNA Polymerase", <i>Nucleic Acids Research</i> , 30(10):e46(4pages).
	45.	Elbashir, S.M. et al., (2001), "RNA interference is mediated by 21- and 22-nucleotide RNAs", <i>Genes & Development</i> , 15:188-200.
	46.	Elbashir, S.M. et al., (2001), "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate", <i>The EMBO Journal</i> , 20(23):6877-6888.
	47.	Fire, A. et al., (1998), "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ", <i>Nature</i> , 391:806-811.
	48.	Harborth, J. et al., (2001), "Identification of essential genes in cultured mammalian cells using small interfering RNAs", <i>Journal of Cell Science</i> , 114(24):4557-4565.
	49.	Lewis, D.L. et al., (2002), "Efficient delivery of siRNA for inhibition of gene expression in postnatal mice", <i>Nature Genetics</i> , 32:107-108.
	50.	Manche, L. et al., (1992), "Interactions between Double-Stranded RNA Regulators and the Protein Kinase DAI", <i>Molecular and Cellular Biology</i> , 12(11):5238-5248.



51.	McCaffrey, A.P. et al., (2002), "RNA interference in adult mice", <i>Nature</i> , 418:38-39.	
52.	Ngô, H. et al., (1998), "Double-stranded RNA induces mRNA degradation in <i>Trypanosoma brucei</i> ", <i>Proc. Natl. Acad. Sci.</i> , 95:14687-14692.	
53.	Paddison, P.J. et al., (2002), "Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells", <i>Genes & Development</i> , 16:948-958.	
54.	Randall, G. et al., (2003), "Clearance of replicating hepatitis C virus replicon RNAs in cell culture by small interfering RNAs", <i>PNAS</i> , 100(1):235-240.	
55.	Tijsterman, M. et al., (2002), "The Genetics of RNA Silencing", <i>Annu. Rev. Genet.</i> , 36:489-519.	
56.	Yu, J. et al., (2002), "RNA interference by expression of short-interfering RNAs and hairpin RNAs in mammalian cells", <i>PNAS</i> , 99(9):6047-6052.	
EXAMINER		DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> <p>**Copies of references not provided at the time of this submission.</p>		